

Figures

2025-10-20 10:00:00

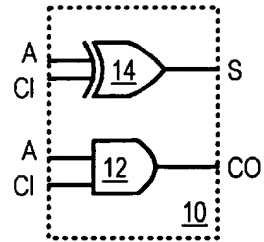


FIG. 1

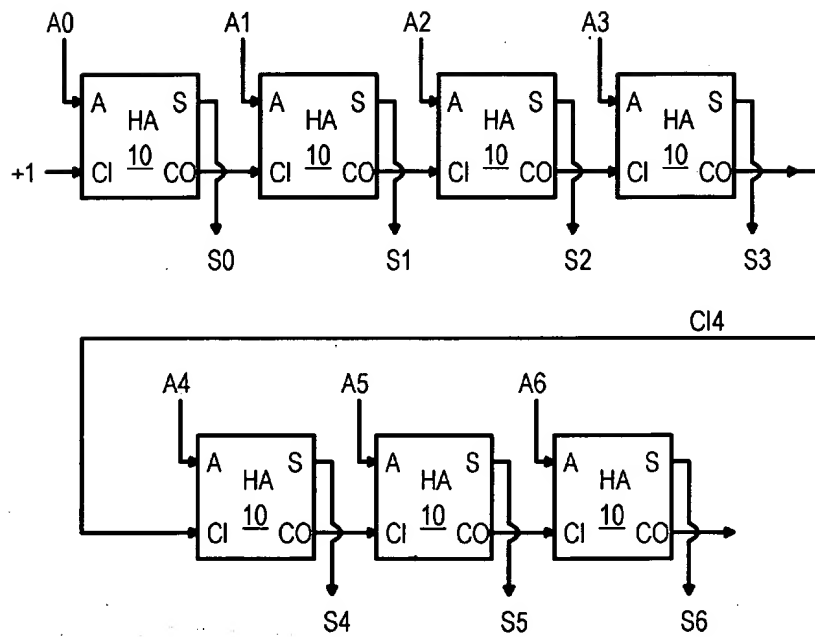


FIG. 2

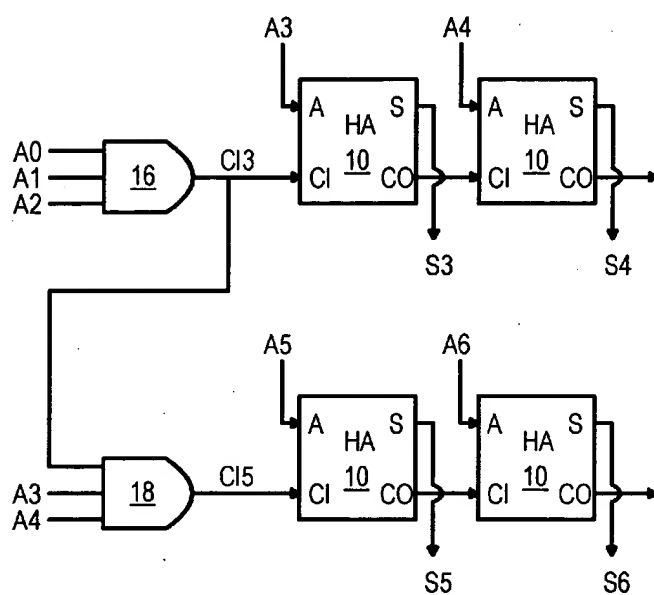
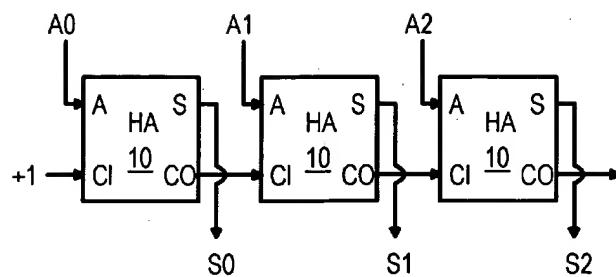


FIG. 3

0000 0001 0010 0011 0100 0101 0110 0111 1000 1001 1010 1011 1100 1101 1110 1111



| <u>CURRENT STATE A</u> | | <u>NEXT STATE S</u> |
|----------------------------|---|-------------------------|
| 0000 | | 0001 |
| 0001 | | 0010 |
| 0010 | | 0011 |
| 0011 | | 0100 |
| 0100 | | 0101 |
| 0101 | | 0110 |
| 0110 | LOW BITS = 111 | 0111 |
| 0111 |  | 1000 |
| 1000 | XOR WITH HIGH BIT | 1001 |
| 1001 | | 1010 |
| 1010 | | 1011 |
| 1011 | | 1100 |
| 1100 | | 1101 |
| 1101 | | 1110 |
| 1110 | LOW BITS = 111 | 1111 |
| 1111 |  XOR WITH HIGH BIT | 0000 |

FIG. 4

